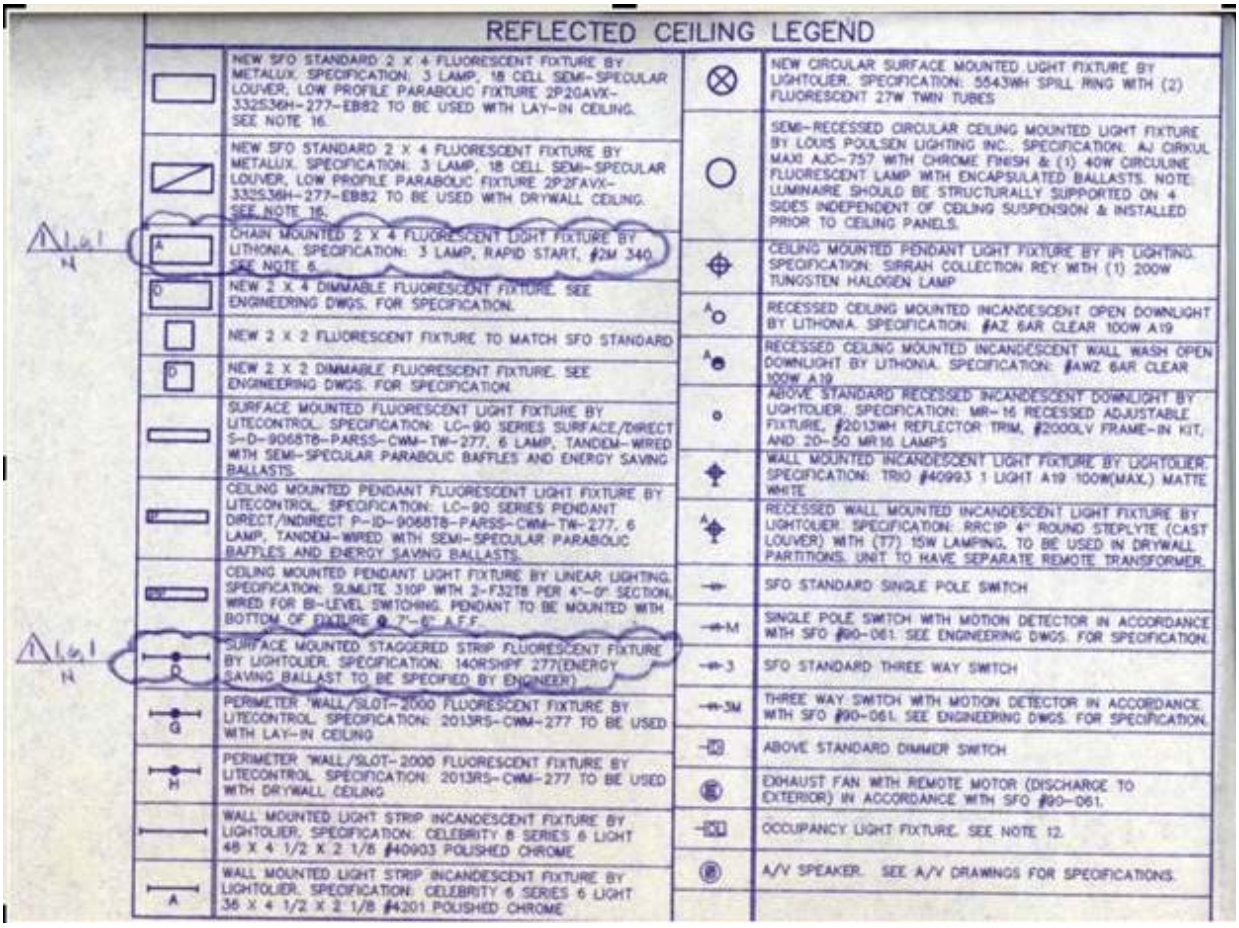
From:	Philip Mudd
To:	Mike Wyatt - WPMABE; Edwin Lopacki - WPIB; Terry Lamb Sr.
Cc:	Joshua Hill; Mark Stadsklev - WPRA; Ron Allard - WPMABE; Logan Gallagher - WPRA
Subject:	Reflected Ceiling Legend
Date:	Thursday, August 11, 2016 4:34:12 PM
Attachments:	Floor 11 east.pdf

Will this work? You can see it better in the attachment



REFLECTED CEILING LEGEND

	NEW SFO STANDARD 2 X 4 FLUORESCENT FIXTURE BY METALUX. SPECIFICATION: 3 LAMP, 18 CELL SEMI-SPECULAR LOUVER, LOW PROFILE PARABOLIC FIXTURE 2P2GAVX-332S36H-277-EB82 TO BE USED WITH LAY-IN CEILING. SEE NOTE 16.
	NEW SFO STANDARD 2 X 4 FLUORESCENT FIXTURE BY METALUX. SPECIFICATION: 3 LAMP, 18 CELL SEMI-SPECULAR LOUVER, LOW PROFILE PARABOLIC FIXTURE 2P2FAVX-332S36H-277-EB82 TO BE USED WITH DRYWALL CEILING. SEE NOTE 16.
1 L6.1 N A	CHAIN MOUNTED 2 X 4 FLUORESCENT LIGHT FIXTURE BY LITHONIA. SPECIFICATION: 3 LAMP, RAPID START, #2M 340. SEE NOTE 6.
D	NEW 2 X 4 DIMMABLE FLUORESCENT FIXTURE. SEE ENGINEERING DWGS. FOR SPECIFICATION.
	NEW 2 X 2 FLUORESCENT FIXTURE TO MATCH SFO STANDARD
D	NEW 2 X 2 DIMMABLE FLUORESCENT FIXTURE. SEE ENGINEERING DWGS. FOR SPECIFICATION.
	SURFACE MOUNTED FLUORESCENT LIGHT FIXTURE BY LITECONTROL. SPECIFICATION: LC-90 SERIES SURFACE/DIRECT S-D-9068T8-PARSS-CWM-TW-277, 6 LAMP, TANDEM-WIRED WITH SEMI-SPECULAR PARABOLIC BAFFLES AND ENERGY SAVING BALLASTS.
	CEILING MOUNTED PENDANT FLUORESCENT LIGHT FIXTURE BY LITECONTROL. SPECIFICATION: LC-90 SERIES PENDANT DIRECT/INDIRECT P-ID-9068T8-PARSS-CWM-TW-277, 6 LAMP, TANDEM-WIRED WITH SEMI-SPECULAR PARABOLIC BAFFLES AND ENERGY SAVING BALLASTS.
	CEILING MOUNTED PENDANT LIGHT FIXTURE BY LINEAR LIGHTING. SPECIFICATION: SUMLITE 310P WITH 2-F32T8 PER 4'-0" SECTION, WIRED FOR BI-LEVEL SWITCHING. PENDANT TO BE MOUNTED WITH BOTTOM OF FIXTURE @ 7'-6" A.F.F.
1 L6.1 N D	SURFACE MOUNTED STAGGERED STRIP FLUORESCENT FIXTURE BY LIGHTOLIER. SPECIFICATION: 140RSHPF 277(ENERGY SAVING BALLAST TO BE SPECIFIED BY ENGINEER)
G	PERIMETER WALL/SLOT-2000 FLUORESCENT FIXTURE BY LITECONTROL. SPECIFICATION: 2013RS-CWM-277 TO BE USED WITH LAY-IN CEILING
H	PERIMETER WALL/SLOT-2000 FLUORESCENT FIXTURE BY LITECONTROL. SPECIFICATION: 2013RS-CWM-277 TO BE USED WITH DRYWALL CEILING
	WALL MOUNTED LIGHT STRIP INCANDESCENT FIXTURE BY LIGHTOLIER. SPECIFICATION: CELEBRITY 8 SERIES 8 LIGHT 48 X 4 1/2 X 2 1/8 #40903 POLISHED CHROME
A	WALL MOUNTED LIGHT STRIP INCANDESCENT FIXTURE BY LIGHTOLIER. SPECIFICATION: CELEBRITY 6 SERIES 6 LIGHT 36 X 4 1/2 X 2 1/8 #4201 POLISHED CHROME

	NEW CIRCULAR SURFACE MOUNTED LIGHT FIXTURE BY LIGHTOLIER. SPECIFICATION: 5543WH SPILL RING WITH (2) FLUORESCENT 27W TWIN TUBES
	SEMI-RECESSED CIRCULAR CEILING MOUNTED LIGHT FIXTURE BY LOUIS POULSEN LIGHTING INC., SPECIFICATION: AJ CIRKUL MAXI AJC-757 WITH CHROME FINISH & (1) 40W CIRCULINE FLUORESCENT LAMP WITH ENCAPSULATED BALLASTS. NOTE: LUMINAIRE SHOULD BE STRUCTURALLY SUPPORTED ON 4 SIDES INDEPENDENT OF CEILING SUSPENSION & INSTALLED PRIOR TO CEILING PANELS.
	CEILING MOUNTED PENDANT LIGHT FIXTURE BY IPI LIGHTING. SPECIFICATION: SIRRAH COLLECTION REY WITH (1) 200W TUNGSTEN HALOGEN LAMP
A	RECESSED CEILING MOUNTED INCANDESCENT OPEN DOWNLIGHT BY LITHONIA. SPECIFICATION: #AZ 6AR CLEAR 100W A19
A	RECESSED CEILING MOUNTED INCANDESCENT WALL WASH OPEN DOWNLIGHT BY LITHONIA. SPECIFICATION: #AWZ 6AR CLEAR 100W A19
	ABOVE STANDARD RECESSED INCANDESCENT DOWNLIGHT BY LIGHTOLIER. SPECIFICATION: MR-16 RECESSED ADJUSTABLE FIXTURE, #2013WH REFLECTOR TRIM, #2000LV FRAME-IN KIT, AND 20-50 MR16 LAMPS
	WALL MOUNTED INCANDESCENT LIGHT FIXTURE BY LIGHTOLIER. SPECIFICATION: TRIO #40993 1 LIGHT A19 100W(MAX.) MATTE WHITE
A	RECESSED WALL MOUNTED INCANDESCENT LIGHT FIXTURE BY LIGHTOLIER. SPECIFICATION: RRC1P 4" ROUND STEPLYTE (CAST LOUVER) WITH (77) 15W LAMPING. TO BE USED IN DRYWALL PARTITIONS. UNIT TO HAVE SEPARATE REMOTE TRANSFORMER.
	SFO STANDARD SINGLE POLE SWITCH
M	SINGLE POLE SWITCH WITH MOTION DETECTOR IN ACCORDANCE WITH SFO #90-061. SEE ENGINEERING DWGS. FOR SPECIFICATION.
3	SFO STANDARD THREE WAY SWITCH
3M	THREE WAY SWITCH WITH MOTION DETECTOR IN ACCORDANCE WITH SFO #90-061. SEE ENGINEERING DWGS. FOR SPECIFICATION.
D	ABOVE STANDARD DIMMER SWITCH
E	EXHAUST FAN WITH REMOTE MOTOR (DISCHARGE TO EXTERIOR) IN ACCORDANCE WITH SFO #90-061.
OS	OCCUPANCY LIGHT FIXTURE. SEE NOTE 12.
S	A/V SPEAKER. SEE A/V DRAWINGS FOR SPECIFICATIONS.

From: Mike Wyatt - WPMABE [mailto:michael.wyatt@gsa.gov]
Sent: Monday, August 08, 2016 3:11 PM
To: Edwin Lopacki - WPIB <tony.lopacki@gsa.gov>
Cc: Joshua Hill <Joshua.Hill@ferc.gov>; Mark Stadsklev - WPRA <mark.stadsklev@gsa.gov>; Ron Allard - WPMABE <ronald.allard@gsa.gov>; Philip Mudd <Philip.Mudd@ferc.gov>; Logan Gallagher - WPRA <logan.gallagher@gsa.gov>
Subject: Re: FERC - capturing energy savings

Hello Edwin,

Can FERC with the lessor make "as built" drawings and lighting fixture schedules available for review ?

On Fri, Aug 5, 2016 at 12:40 PM, Edwin Lopacki - WPIB <tony.lopacki@gsa.gov> wrote:

> All - I tired to capture some of the discussion topics from today's meeting - please review, correct and comment in the efforts of creating an accurate final list:

FERC:

- The first step - FERC will contact GSA and let them know, where and who to contact to set-up data collectors
- Provide one-line diagrams to assist
- provide a typical floor or partial floor for measurement
- Set up "financial system" to accept energy credit from utility company

GSA:

- GSA Energy would send GSA personnel to install data collectors (277 volt lighting only):
    - it takes about a week to set up
    - it will take readings for about 1 month to collect data
    - provide a final report
- Provide information on energy standard expected savings for:
    - Florescent vs. LED
    - Reduction in number of lamps
    - Daylight harvesting
    - Light Trimming
    - Occupancy sensors
    - lighting timers

Benefits:

- Establish a baseline of current energy use
- Establish a current baseline for current facilities maintenance and operating costs (eg. lamp replacement)

Thanks for your help.

--
E Tony Lopacki
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Respectfully,

Michael Wyatt

U.S. General Services Administration
Energy Management Specialist

Office of Facilities Management WPMABE

GSA Public Buildings Service

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